

## anti- TFAM antibody

### Product Information

Catalog No.:	FNab08615
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

Binds to the mitochondrial light strand promoter and functions in mitochondrial transcription regulation. Required for accurate and efficient promoter recognition by the mitochondrial RNA polymerase. Promotes transcription initiation from the HSP1 and the light strand promoter by binding immediately upstream of transcriptional start sites. Is able to unwind DNA. Bends the mitochondrial light strand promoter DNA into a U-turn shape via its HMG boxes. Required for maintenance of normal levels of mitochondrial DNA. May play a role in organizing and compacting mitochondrial DNA.

### Immunogen information

Immunogen:	transcription factor A, mitochondrial
Synonyms:	MtTF1, mtTFA, TCF 6, TCF6, TCF6L1, TCF6L2, TCF6L3, TFAM, Transcription factor 6, Transcription factor 6 like 2
Observed MW:	25 kDa
Uniprot ID :	Q00059

### Application

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### Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

Tel : (0086)027-87384275

Fax: (0086)027-87800889

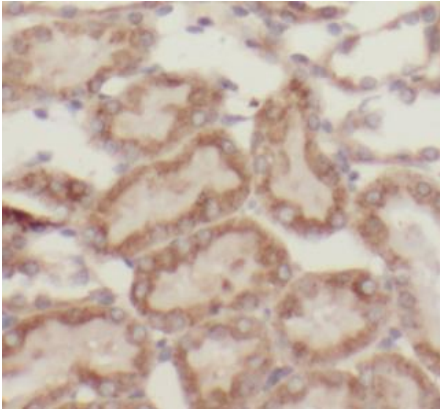
[www.fn-test.com](http://www.fn-test.com)

Reactivity: Human, Mouse

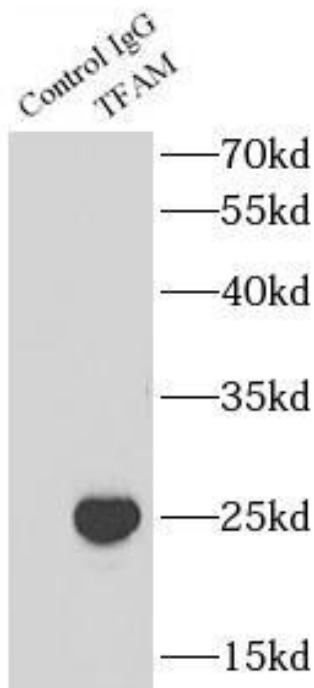
Tested Application: ELISA, WB, IHC, IP

Recommended dilution: WB: 1:500-1:3000; IP: 1:500-1:1000; IHC: 1:50-1:500

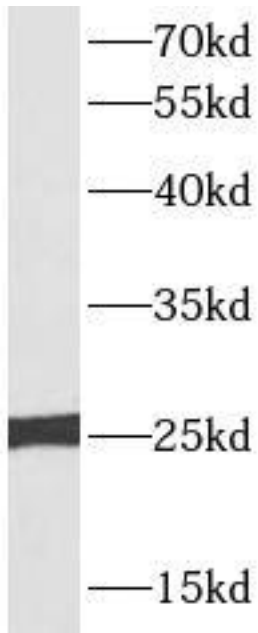
Image:



Immunohistochemistry of paraffin-embedded human kidney slide using FNab08615(TFAM Antibody) at dilution of 1:50



IP Result of anti-TFAM (IP: FNab08615, 4ug;  
Detection: FNab08615 1:800) with HEK-293 cells  
lysate 3000ug.



HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab08615(TFAM antibody) at dilution of 1:1000